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DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Minerals Inspection Report

Reviewed 

Report Date:

9/14/2016

Mine Name: Lime Peak Quarries	Permit Number: M/49/0047	Mine Status: Inactive
Operator Name: Cheif Consolidated Mining Co.	Inspection Date: 09/07/2016	Permit Fees: Paid
Inspector(s): A. Abate, W. Western	Inspection Time: 10:00 AM	Bond Amount: \$115,600
Attendee(s): N/A	Weather: Clear 80s	Bond Escalation:
Inspection Purpose: Evaluate disturbance area for the purposes of reclamation		Prior Inspection: 6/17/2009

Conclusions and Recommendations

The site has a substantial amount of limestone rock that could be used as an aggregate resource. Recommended that Chief Consolidated make an attempt to transfer the permit to another operator who could then take over the bond for it and continue to operate this mine. The second (less preferred option) is to partially backfill the quarry and reclaim the three access roads into the quarry. There will likely not be enough bond money to reclaim the entire quarry.

Elements of Inspection	Evaluated & Commented	Enforcement
1. <i>Permits, Revisions, Transfer, Bonds</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chief Consolidated Mining Company has not actively mined this quarry since at least 2006. This site has now been active for 10 years. The Division recently sent the operator a letter requiring reclamation, or the Division would withdraw the permit and request a board action to reclaim the site.		
2. <i>Public Safety (shafts, adits, trash, signs, highwalls)</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The quarry is located on a steep hillside adjacent to Highway 6 near Eureka, Utah. A gated dirt access road leads to the open pit area of the quarry. The highwall area was inspected and appears to be oversteepened in some areas (see photos). Benches were noted in the uppermost portion of the quarry. Previous inspections had noted benches at approximately 70-75 when the mine was active. An access road appeared to be present to this area, although it did not appear that the road to this area was accessible to a vehicle. This area may require access by ATV only. No outbuildings or any type of structures were noted in the permit area. Some ruins at the base of the quarry that were old foundations that appeared to be pre-law.		
3. <i>Protection of Drainages/Erosion Control</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
No water features such as springs, perennial, or ephemeral drainages were present on the site.		
4. <i>Deleterious Material</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
None observed. Mine dumps were noted on the outcrops of the road into the quarry. Some of these dumps appeared to be white in color, which likely is a colechified (CaCO ₃) soil.		
5. <i>Roads (maintenance, surfacing, dust control, safety)</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Three roads were created to access the upper bench levels of the quarry. The sole purpose of these roads was for quarry access and thus should be reclaimed at the appropriate time the mine is retired.		
6. <i>Reclamation</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
According to previous inspection reports, the site has been partially reclaimed. A variance was granted for this permit allowing the mine to not be topsoil and seeded. Reclamation at this site will ultimately be a challenge due to accessibility issues and the steepness of the highwall. Backfilling inside the entire quarry will not be possible.		
7. <i>Backfilling/Grading (trenches, pits, roads, highwalls, shafts)</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Loose rock material located along the sidewalls of the pit could be bulldozed into the pit. The access road is under a variance and will not be reclaimed.		
8. <i>Soils</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
No topsoil stockpiles was observed at this site.		
9. <i>Revegetation</i>	<input type="checkbox"/>	<input type="checkbox"/>

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10. *Other*

Inspector's Signature: _____

Tim Buchanan

CC: Tim Buchanan, tbuchanan@enigi.com

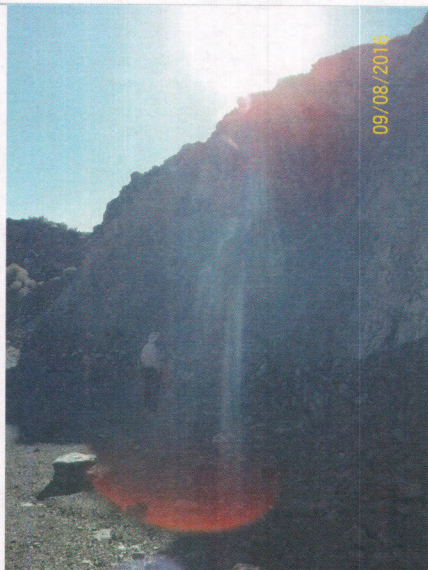
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Overview from the highway of the Lime Peak Quarry from Highway 6.



View from the entrance into the quarry looking into it.



Observing the steep highwall inside the quarry.



Mine dump slopes were colechified but some vegetation was observed to be growing on the slopes



Aerial view of the quarry. As can be seen, several bench levels exist. The auxillary roads leading to the upper benches can be accessed by ATV only.